

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UTILITY PATENT APPLICATION TRANSMITTAL  
UNDER 37 CFR 1.53(b)**

17537 U.S. PTO  
**10/622422**  
07/18/03

Address to:	Attorney Docket No.:	YOR920030021
US Patent and Trademark Office Mail Stop Patent Application Alexandria, VA 22313-1450	Inventor(s):	Daniel Worledge
	Express Mail Label No.:	EV323493117US
	Customer No.:	34663
Title: <b>A Small, Scalable Resistive element and Method of Manufacturing</b>		

**Transmitted herewith is the patent application as follows:**

9	Page(s)	Specification (w/o Claims & Abstract), plus cover page	Formal:	<input type="checkbox"/>	Informal:	<input checked="" type="checkbox"/>
5	Page(s)	Claim(s)	Signed:	<input checked="" type="checkbox"/>	Unsigned:	<input type="checkbox"/>
1	Page(s)	Abstract				
4	Page(s)	Drawing(s)				
2	Page(s)	Declaration & Power of Attorney(s)				
21	Page(s)	<b>TOTAL APPLICATION</b>				

**Accompanying Application Parts:**

	Page(s)	Assignment Papers (cover sheet and document(s))	ASSIGNEE NAME: International Business Machines Corporation
	Page(s)	Information Disclosure Statement (IDS)/PTO-1449/Copies of IDS Citations (copies of citations not included in number of pages)	ASSIGNEE RESIDENCE: Yorktown Heights, New York
	Page(s)	Certified Copy of Priority Document(s):	<input type="text"/> (if foreign priority is claimed)
2	Page(s)	Application Data Sheet	
2	Page(s)	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
4	Page(s)	<b>TOTAL ACCOMPANYING APPLICATION PARTS</b>	

**If a Continuing Application**, check appropriate box, and supply the requisite information below and in a preliminary amendment.

☐ Continuation      ☐ Divisional      ☐ Continuation-in-Part (CIP)

Prior Application Information:  
 Serial Number:       Examiner:       Group Art Unit:

For Continuation or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied as indicated above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**Claiming Priority of Provisional Application**, check appropriate box and supply information.

☐ Claiming priority of Provisional Application Serial Number       Filed on:

**Fee Calculation:**

	Claims	Difference	Extra	Rate	Fees
Basic Fee					\$750.00
Total Claims	30	20		\$18.00	\$180.00
Independent Claims	4	3		\$84.00	\$84.00
Multiple Dependent Claims				\$280.00	
				<b>TOTAL</b>	<b>\$1014.00</b>

- ☒ Please charge my Deposit Account No. **50-0510** in the amount of **\$1014.00** (A duplicate copy of this sheet is attached.)
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **50-0510**
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims. ☒ Any application processing fees under 37 CFR 1.17.

**EXPRESS MAIL CERTIFICATE**

I hereby certify that the above paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the US Patent and Trademark Office, Alexandria, VA 22313-1450.

Date of Deposit: July 18, 2003

Person mailing paper/fee: Michael J. Buchenhorner

Signature: Michael J. Buchenhorner

Respectfully Submitted,

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Daniel Worledge  
Attorney Docket Number : YOR920030021  
Title : A Small, Scalable Resistive Element and  
Method of Manufacturing  
Filed : Herewith

**CERTIFICATE OF EXPRESS MAIL MAILING**  
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Mail Stop Patent Application  
Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

I hereby certify that:

1 Application Transmittal Form (duplicate)  
9 Sheets Specification, 5 Sheets Claims, 1 Abstract  
1 Set of 4 sheets of informal drawings  
2 Sheets of Declaration and Power of Attorney (unsigned)  
4 Sheets Application Data Sheet  
2 Return postcards

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Michael J. Buchenhorner  
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Michael J. Buchenhorner  
Signature of Person Mailing Papers